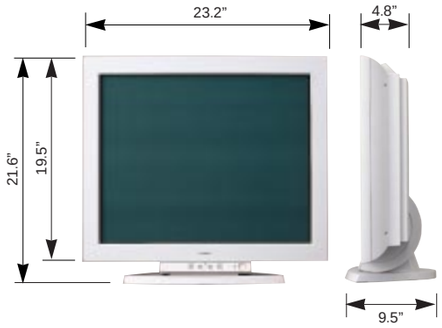
25-Inch Color Plasma Display

Specifications

Product name		25-Inch Color Plasma Display
Model		CMP205SXU
General	Power supply	AC 100 ~ 120 V
	Frequencies	50/60 Hz
	Power consumption	270 W (Typical)
	Dimensions	23.2" (W) x 21.6" (H) x 4.8" (D: Panel)
	Weight	45.2 lbs
Display characteristics	Effective display area	19.6" x 15.7"
	Aspect ratio	5:4
	Number of pixels	1280 (Horizontal) x 1024 (Vertical) pixels
	Pixel pitch	0.39 (Horizontal) x 0.39 (Vertical) mm
	Number of colors (Gray levels)	262 thousand colors* (64 gray levels)
	Brightness	90 cd/m² (Typical) at white peak (With a front filter)
	Contrast ratio	50:1 (Typical, no ambient light)
	Viewing angle	More than 160°
Signal input	Analog RGB	Format / frequency: R, G, B, H, V/ fH: 31k to 85kHz, fV: 50 to 86Hz
	Level/impedance	R, G, B= 0.7Vp-p/75Ω
	Synchronization	H/V separate sync: TTL, H/V composite sync: TTL
	Connector	13W3 type D-sub connector
Controls	Switch	Main Power switch, Adjustment switch
	Main adjustment	Select OSD Menu, Move cursor for down/up, Enter
Environmental condition	Temperature	5~35℃
	Humidity	20~80 % RH (Non-condensation)
Regulations	Safety	UL1950, CSA C22.2 No.950
	EMI	FCC class A
Supplied accessories		AC Power Cable, Interface Cable (13W3 D-sub/mD-sub 15P connector)

** Some display patterns may restrict the number of displayed colors.*

External dimensions



Corresponding personal computer signals (Representative sample)

Signal mode			Horizontal frequencies (kHz)	Dot clock frequencies (MHz)
Signal	Resolution	Vertical frequencies (Hz)		
VGA	640 x 480	59.94	31.47	25.18
VESA	640 x 480	72.81	37.86	31.50
	640 x 480	75.00	37.50	31.50
	800 x 600	56.25	35.16	36.00
	800 x 600	60.32	37.88	40.00
	800 x 600	72.19	48.08	50.00
	800 x 600	75.00	46.88	49.50
	1024 x 768	60.00	48.36	65.00
	1024 x 768	70.07	56.48	75.00
	1024 x 768	75.03	60.02	78.75
	1152 x 864	75.00	67.50	108.00
	1280 x 960	60.00	60.00	108.00
	1280 x 1024	60.02	63.98	108.00
	1280 x 1024	75.03	79.98	135.00
Apple	640 x 480	66.67	35.00	30.24
	832 x 624	74.55	49.73	57.28
	1024 x 768	74.93	60.24	80.00
NEC	640 x 400	56.42	24.82	21.05

mD-sub 15P connector

Pin No.	Signal	Pin No.	Signal
1	R. video	9	NC
2	G. video	10	GND
3	B. video	11	NC
4	NC	12	NC
5	GND	13	H. sync.*
6	R. GND	14	V. sync.
7	G. GND	15	NC
8	B. GND		

** H/V composite sync. signal is available.*

- *All brand names and product names are trademarks, registered trademarks or trade names of their respective holders.*

- *When a plasma display is turned on, minute dots light up on the screen. Please be aware that in some parts of the screen, dots may not light, while in other parts dots will always light. This is normal and is not a malfunction.*
- *Color tone of actual products may differ from those shown in this catalogue.*
- *Do not install these products in areas subject to vibrations as this can interfere with proper operation of the product.*
- *To prevent overheating of the plasma panel an air cooling system is used. To assure proper operation of this system, the plasma display should be installed and operated in a vertical position. If the display is installed horizontally or at an excessive angle, heat may not be effectively dissipated and overheating could occur. This could lead to a malfunction.*
- *If a stationary pattern is displayed on a plasma display for a long time, differences in brightness and color might result between the lit, stationary pattern area and the non-lit area in the monitor surface (burning).*
  Running a screen saver program is recommended to preserve monitor display quality if a stationary pattern is to be displayed for extended periods of time.
- *Design and specifications are subject to change without notice.*

HITACHI

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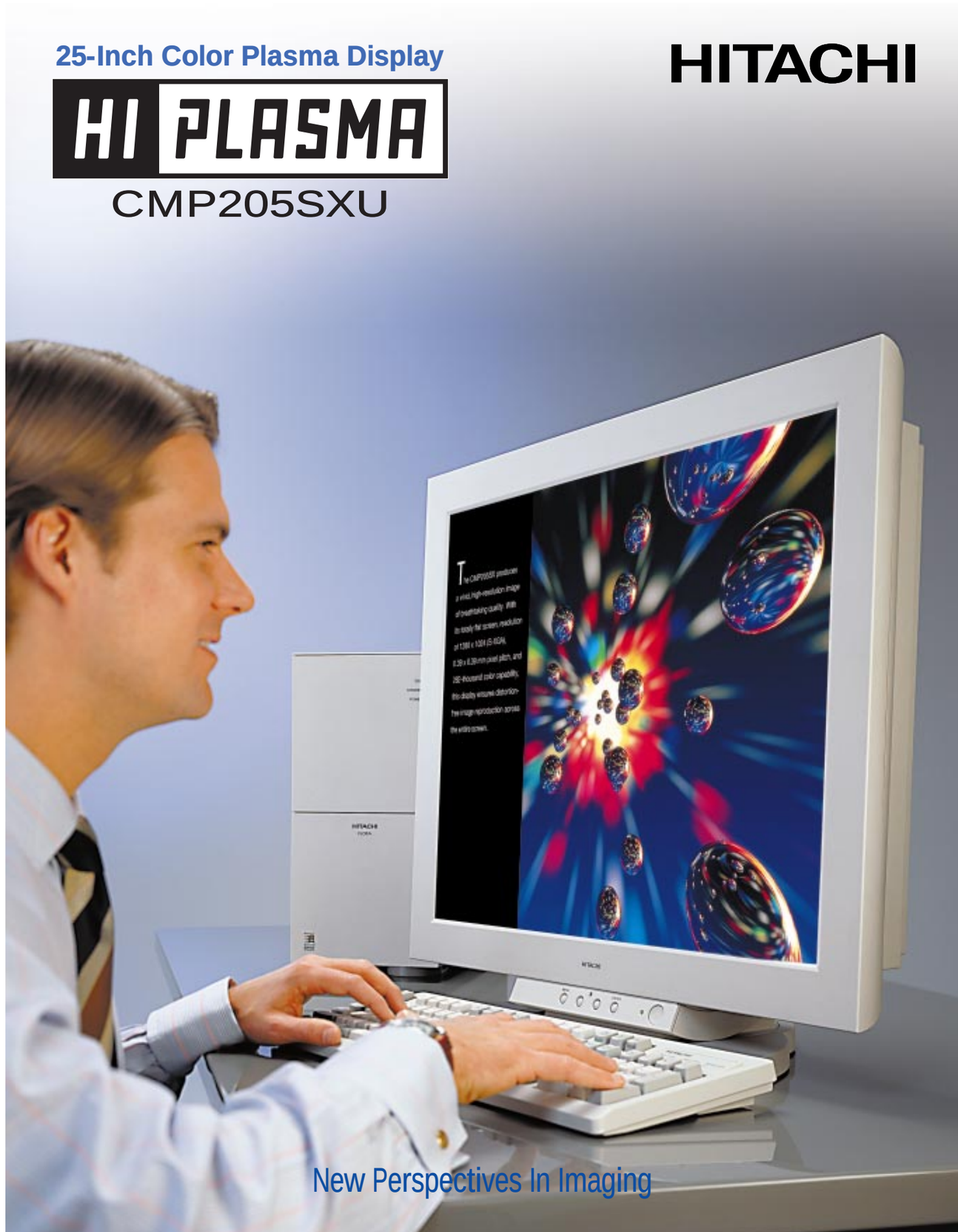


New Perspectives In Imaging

Super-Sharp S-XGA Performance On A 25-Inch Flat Screen

With the new 25-inch CMP205SX, Hitachi brings the next-generation imaging performance of its leading-edge plasma display technology right to your desktop. Featuring stunning S-XGA high-resolution pictures, full immunity to magnetic fields and a super-slim design that gives you big-screen performance in the most limited spaces, the compact CMP205SX is the ideal display solution for graphics, CAD/CAM design, multimedia, business presentations, and more.

2001
2000
Experience today's finest computer imaging performance with the CMP205SX. Vivid, high-resolution images, a super-slim design, and a big 25-inch screen make this display the ideal choice for multimedia, graphics, presentations, and more.
HITACHI

25-Inch

High Resolution S-XGA (1280 x 1024)

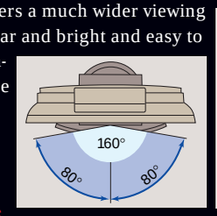
With a display resolution of 1280 x 1024 (S-XGA), 0.39 x 0.39 mm pixel pitch, and 262 thousand color capability, the CMP205SX produces a vivid, high resolution image that will take your breath away. The totally flat screen ensures distortion free image reproduction across the entire screen with crisp, clear display of even the finest detail.

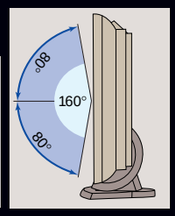
Super-Slim, Lightweight Flat Panel Monitor (Depth: 4.8" Weight: 45.2 lbs)

Featuring a large 25" screen, this ultra-thin, lightweight display measures a mere 4.8" from front to back and weighs only 45.2 lbs. That means it can take the place of much bulkier CRT monitors and still offer you a bigger, better picture. The compact, portable design makes it the ideal solution wherever space is limited.

Wider 160° Viewing Angle For Easy Viewing From Any Position

With its totally flat screen, this plasma display offers a much wider viewing angle than conventional monitors. Images are clear and bright and easy to view from angles as great as 160° in both horizontal and vertical directions. Since the picture can be seen clearly from up, down, left, or right, the CMP205SX is perfect for business presentations, public information displays, and more.





Completely Immune To Magnetic Fields

One of the biggest advantages of plasma technology is that it is completely immune to magnetic fields. That means that, unlike conventional monitors, you can enjoy clear, noise-free image reproduction anywhere without worrying about interference from other electronic equipment.

Multiscan capability

Ready for use with a wide range of personal computers, the CMP205SX can display images in VGA, S-VGA, XGA, or S-XGA resolution without being adversely affected by the different frequencies used by various PCs. The accompanying table on the next page shows a representative list of compatible frequencies, signals, and resolutions.

Today's Most Versatile Display Solution

■ CAD/CAM and Graphic Design

The CMP205SX's slim, compact design and superior picture performance make it the ideal companion for graphics, CAD/CAM, and multimedia workstations.

■ Presentations

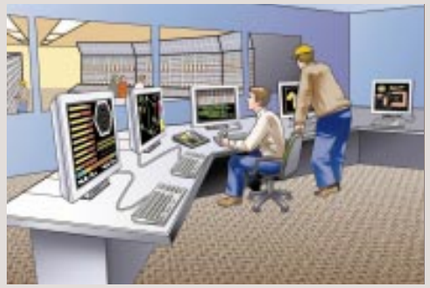
The CMP205SX's lightweight, portable design makes it perfect for presentations in small conference rooms, classrooms, and other locations. Unlike projection devices, it can be used without dimming the lights, and its wide viewing angle ensures that everyone in the audience will be able to see the images clearly.

■ Information Service

The CMP205SX's installation flexibility lets you set it up just about anywhere, including offices, banks, stock exchanges, department stores, airports and other public spaces. With its large screen and high visibility, it's perfect for displaying frequently updated news and other information.

■ Mobile Applications

As the CMP205SX is both immune to magnetic fields and requires minimal installation space, it's an excellent choice for ships and trains.



■ Monitoring and Control

The CMP205SX can also be used for building security, factory monitoring, and environment monitoring.